

ABSTRACT OF THE DISCLOSURE

A lamp assembly configured to inductively receive power from a primary coil.

The inductively powered lamp assembly includes a lamp circuit including a secondary and a lamp connected in series. In a first aspect, the lamp circuit includes a capacitor connected in

5 series with the lamp and the secondary to tune the circuit to resonance. The capacitor is preferably selected to have a reactance that is substantially equal to or slightly less than the reactance of the secondary and the impedance of the lamp. In a second aspect, The inductively powered lamp assembly includes a sealed transparent sleeve that entirely encloses the lamp circuit so that the transparent sleeve is fully closed and unpenetrated. The transparent sleeve is
10 preferably the lamp sleeve itself, with the secondary, capacitor and any desired starter mechanism disposed within its interior.

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